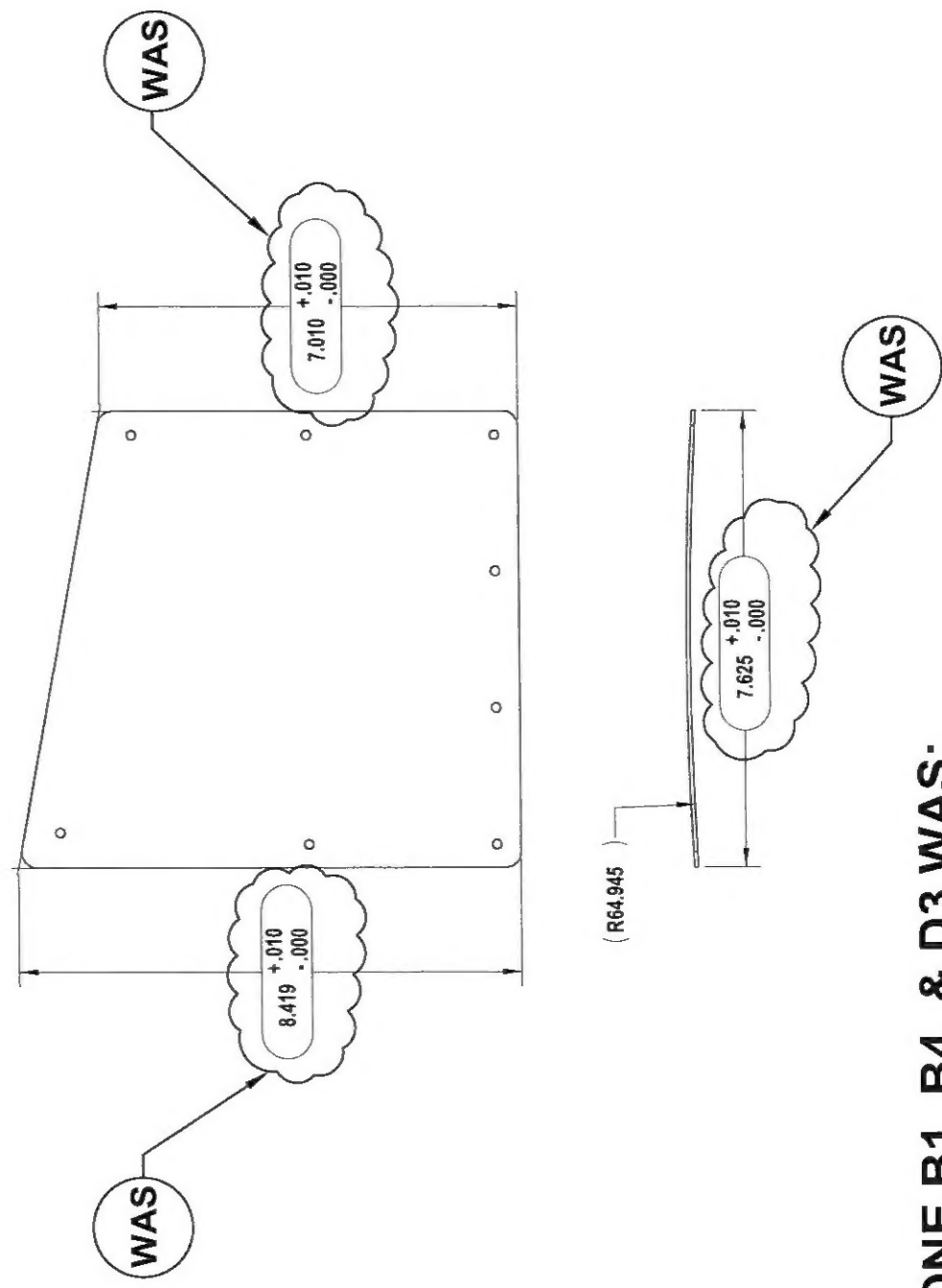


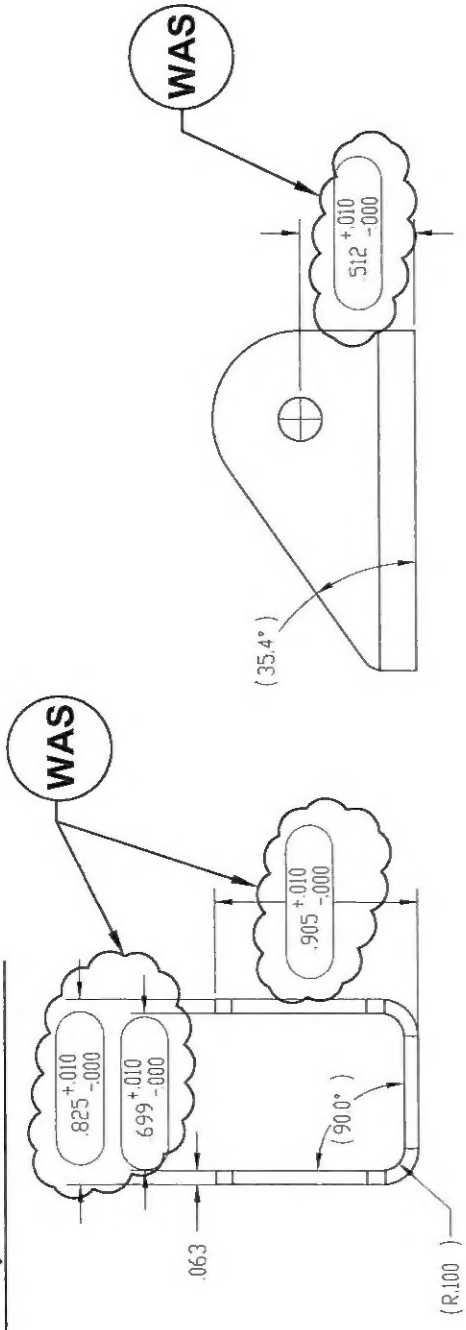
ENGINEERING CHANGE NOTICE NO. 03726		SHEET 1 OF 4	
DWG NO. 647.9000		REV: N/C	DATE: 12/04/12
DWG TITLE: SHEETMETAL		EFFECT ON DWG <input checked="" type="checkbox"/> INC. <input type="checkbox"/> UNINC.	
APPROVED BY:	ENGR <i>P. Bran</i>	MFG <i>D. Baker</i>	QC <i>[Signature]</i>
REASON: INCORPORATED ECN 03213, 03266, 03707 AND REVISED TOLERANCES.		EFF: NEXT ORDER	
TRANSACTION CODES (TC): A-ADD C-CREATE R-REVISE D-DELETE		ECR: D-12-013	



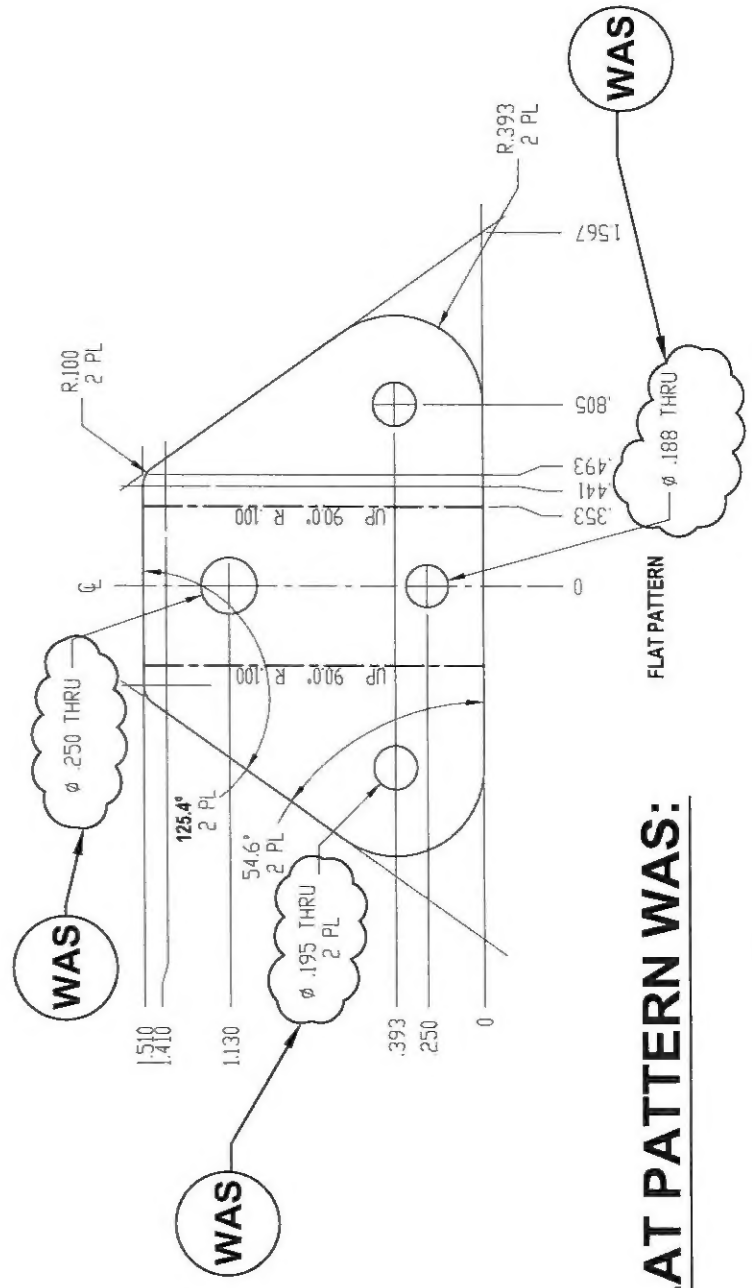
SHEET 2, ZONE B1, B4, & D3 WAS:

DOCUMENTS EFFECTED:	<input type="checkbox"/> RFMS	<input type="checkbox"/> MDL	<input type="checkbox"/> INSTALL	<input type="checkbox"/> INSTRUC	<input type="checkbox"/> ICA	<input type="checkbox"/> BOM	CHANGE CATEGORY	<input type="checkbox"/> MAJOR	<input checked="" type="checkbox"/> MINOR	DER REVIEW REQUIRED	<input type="checkbox"/> YES	<input checked="" type="checkbox"/> NO
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SHEET 4, ZONE C2, D3, & D6 WAS:

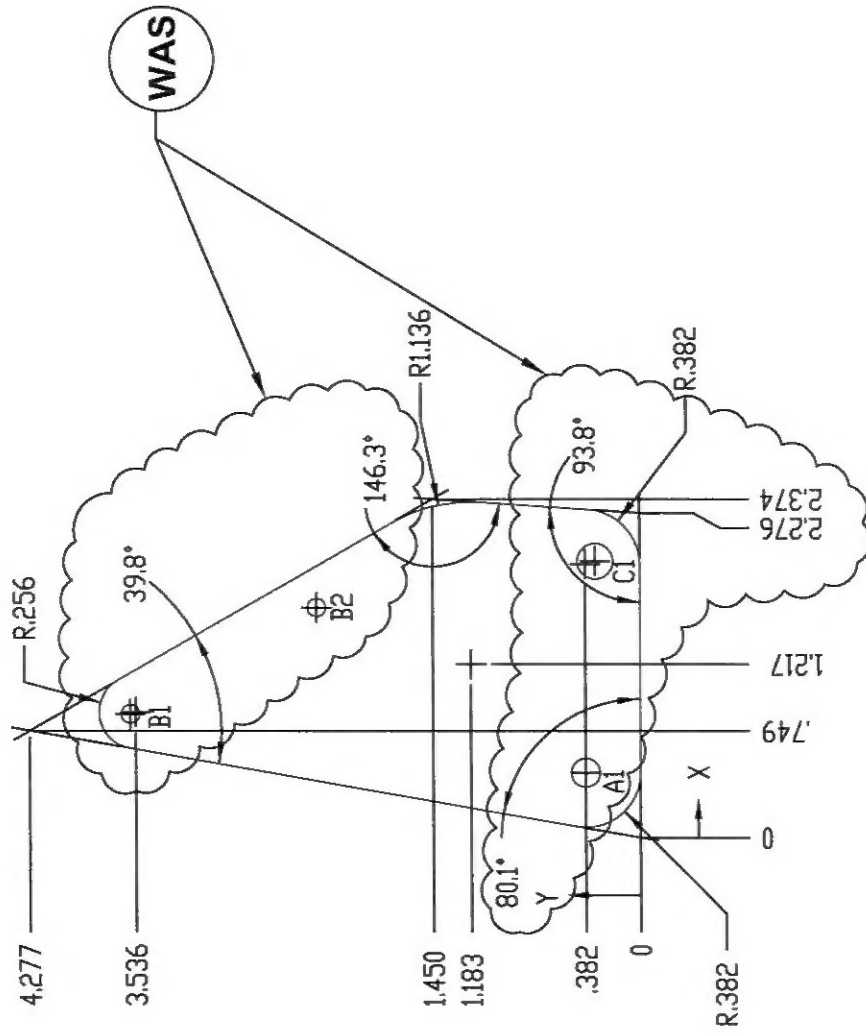


SHEET 4, FLAT PATTERN WAS:



F/N	TC	PART NUMBER	QTY	DESCRIPTION	MATERIAL / SPECIFICATION
-----	----	-------------	-----	-------------	--------------------------

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NO.	03726	SHEET 3 OF 4
<div data-bbox="175 1155 941 1659"> <p>Technical drawing of a horizontal plate. A cloud-shaped callout labeled 'WAS' points to a section of the plate. The callout contains the text: $4.650^{+0.010}_{-0.000}$ and $\phi .186^{+0.000}_{-0.010}$ THRU 8 PL. The plate has several vertical dimensions: 3.516, 1.616, .389, 0, .375, 1.952, 3.513, and 5.090. A 'WAS' callout points to a feature at the 5.090 dimension, which contains the text: $5.465^{+0.010}_{-0.000}$.</p> </div> <div data-bbox="630 1612 685 1999"> <p><u>SHEET 5, WAS:</u></p> </div> <div data-bbox="922 126 1474 982"> <p>Technical drawing of a vertical plate. Two cloud-shaped callouts labeled 'WAS' point to features on the plate. The first callout points to a feature with dimensions $2.750^{+0.010}_{-0.000}$ and $\phi .098$ THRU 4 PL. The second callout points to a feature with dimensions $2.365^{+0.010}_{-0.000}$. A dimension of .063 is shown at the top. A note at the bottom right indicates $\phi .148 \times 100$.</p> </div> <div data-bbox="1377 1024 1432 1789"> <p><u>SHEET 7, ZONE B5 & C7 WAS:</u></p> </div>			
F/N TC PART NUMBER	QTY	DESCRIPTION	MATERIAL/SPECIFICATION

APICAL INDUSTRIES, INC.	ENGINEERING CHANGE NO. 03726	SHEET 4 OF 4
 <p>Technical drawing of a mechanical part, likely a bracket or arm, showing dimensions and labels. The drawing includes a coordinate system with X and Y axes. Key dimensions and labels include:</p> <ul style="list-style-type: none"> Overall width: 4.277 Overall height: 3.536 Radius R.256 at the top left corner. Angle 39.8° at the top left corner. Radius R.1136 at the top right corner. Angle 146.3° at the top right corner. Radius R.382 at the bottom right corner. Angle 93.8° at the bottom right corner. Radius R.382 at the bottom left corner. Angle 80.1° at the bottom left corner. Dimensions: 1.450, 1.183, .382, 0, .749, 1.217, 2.276, 2.374. Labels: B1, B2, A1, C1, WAS, X, Y. 	DESCRIPTION	MATERIAL/SPECIFICATION

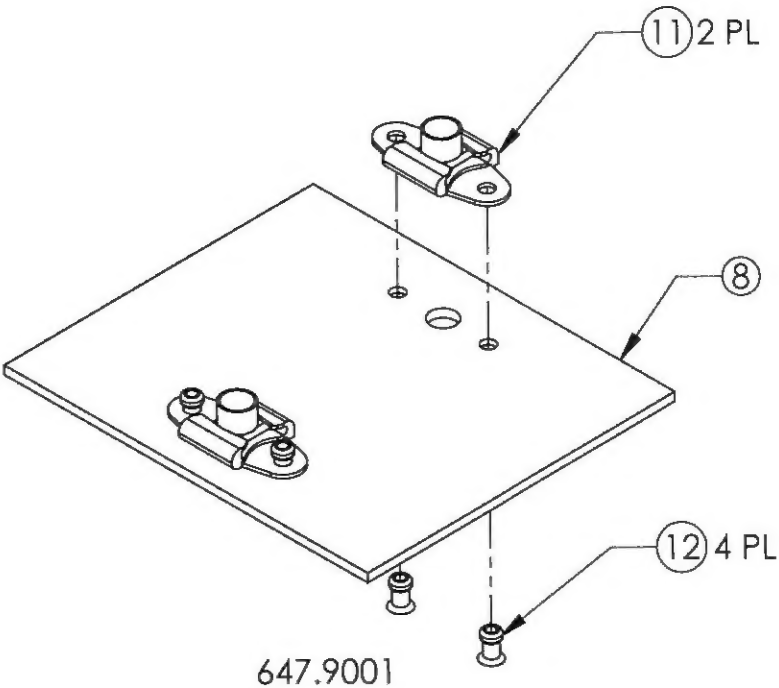
SHEET 9, WAS:

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
	LAST PROTOTYPE RELEASE: PR2		
N/C	INITIAL RELEASE	06-30-10	P. BRAVO
A	INCORPORATED ECN 03213, 03266, 03707, & 03726	12-04-12	P. BRAVO

NOTES: UNLESS OTHERWISE SPECIFIED

- 1 MATERIAL: ALUMINUM 2024-T3 PER AMS-QQ-A-250/4
- 2 FINISH: HARD ANODIZE IAW MIL-A-8625 TYPE III, CLASS 2, COLOR BLACK; PRETREAT PR-148 ADHESION PROMOTER, PRIME IAW MIL-P-23377J, TYPE I, CLASS N
3. DEBURR AND BREAK ALL SHARP EDGES
4. IDENTIFY IAW MPP-120. LASER ETCH P/N AND REVISION 12PT. CENTURY GOTHIC.
5. ALL DIMENSIONS SHOWN PRIOR TO FINISH.
- 6 PART DIMENSIONS CONTROLLED BY CAD MODEL; FILE NAME: 647.9016 DOUBLER.SLDPRT-LAST MODIFIED 06-29-10
7. INSPECTION DIMENSIONS SHOWN WITH FINISH APPROX. 3-5 MIL MAX PER FACE.
- 8 MATERIAL: 304SS IAW AMS 5643
- 9 FINISH: PRIME IAW MIL-P-23377J, TYPE I, CLASS N

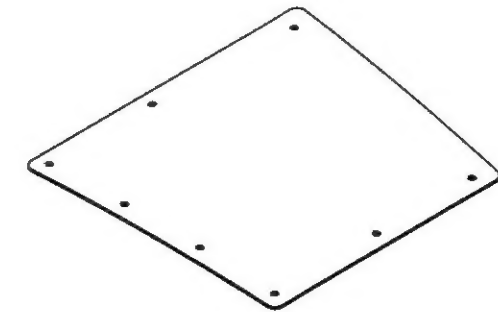


	4	12	601.2277	RIVET	CCR264SS-3-02	
	2	11	601.1900	NUTPLATE	MS21059-3	
		10	647.9019	HINGE		2
		9	647.9018	DOUBLER		2
	1	8	647.9017	DOUBLER		2
		7	647.9016	DOUBLER		2, 6
		6	647.9015	DOUBLER		2
		5	647.9014	STRUT BRACKET		9
		4	647.9013	FWD CLIP		2
		3	647.9012	FWD CLIP		2
		2	647.9011	DOUBLER		2
		1	647.9010	DOUBLER		2
			647.9001	DOUBLER ASSY		2
	.9001	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

QTY		PARTS LIST	
NEXT ASSY (S)		ORIGINAL DATE (MO-DA-YR) 04-13-10	APICAL INDUSTRIES
647.8900		DRAWN BY R. ROSANO	2608 TEMPLE HEIGHTS DR.
647.9400		CHECKER P. BRAVO	OCEANSIDE, CA. 92056-3512 (760)724-5300
		DRAWING APPROVAL P. BRAVO 06-30-10	SHEETMETAL
		CONTRACT No.	
		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B CAGE CODE 07MZ6 DWG. NO. 647.9000 REV A
			SCALE NONE SHEET 1 OF 9

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



647.9010 SHOWN
647.9011 OPPOSITE

R.250 THRU
4 PL

8.119
7.715
6.802
6.480

DOWN 6.7° R 64.945

7.010^{+.020}
-.010

8.419^{+.020}
-.010

.400
.250
0
Ø.160
8 PL

0 .250 .385 .580 2.670 3.817 4.955 7.233 7.384 7.633

(R64.945)

7.625^{+.020}
-.010

FLAT PATTERN

.063

ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 04-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. A
		CAGE CODE 07MZ6	DWG. NO. 647.9000
SCALE NONE		SHEET 2 OF 9	

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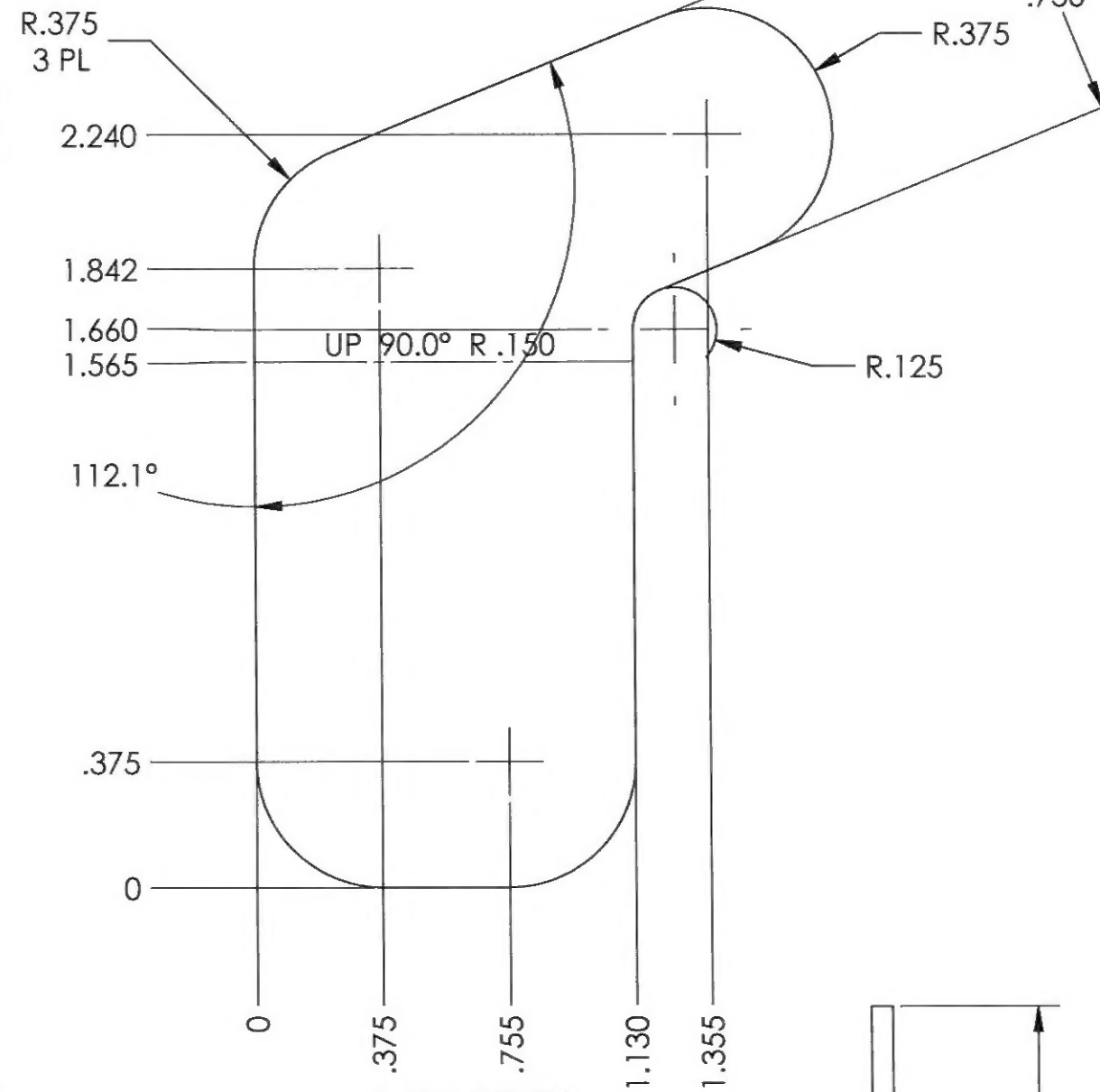
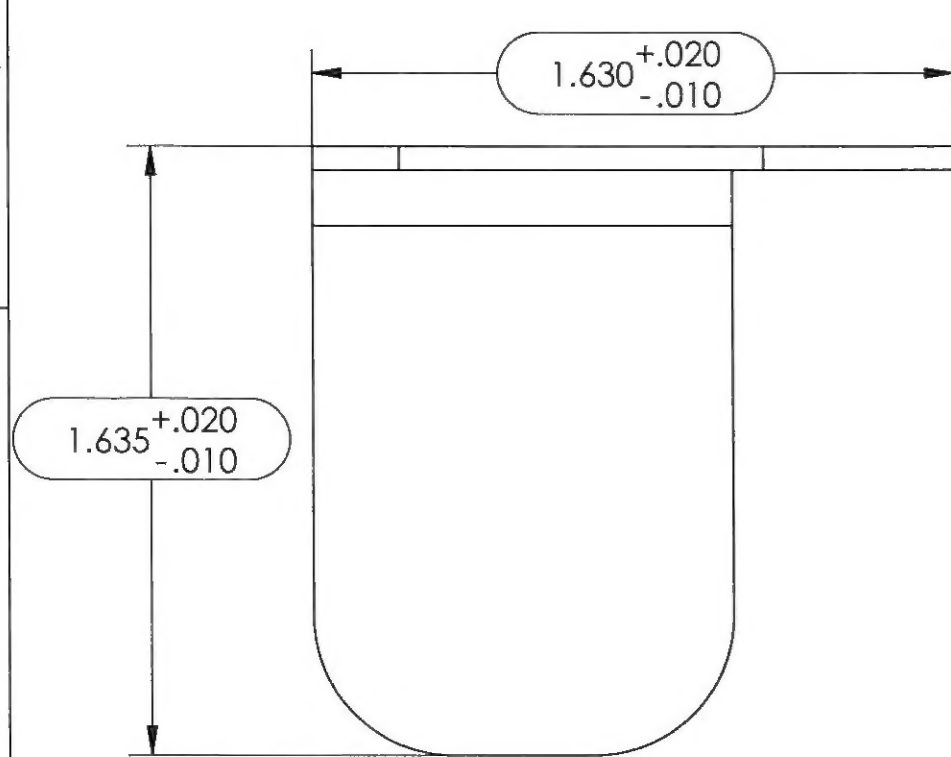
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

A

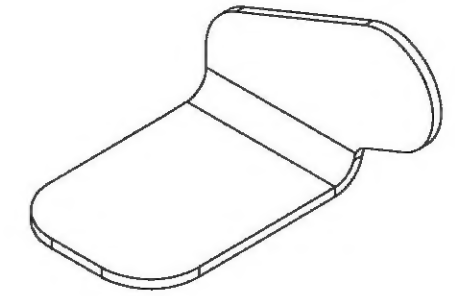
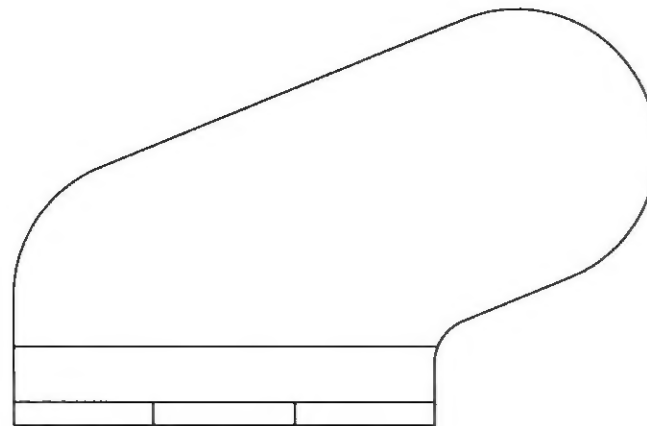
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C

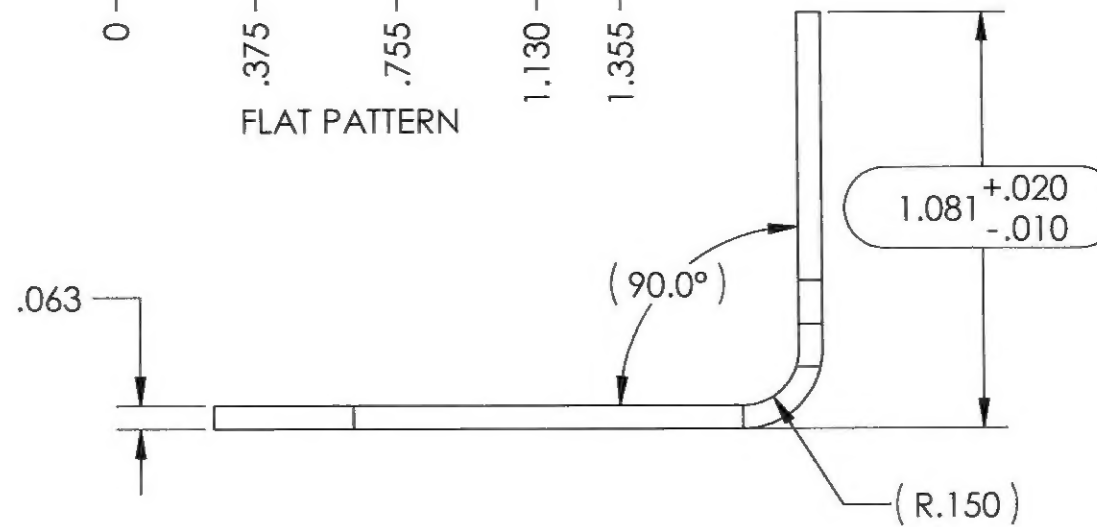
D



FLAT PATTERN



647.9012 SHOWN
647.9013 OPPOSITE



ORIGINAL DATE (MM-DD-YY) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA, 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 06-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE B	REV. A
		CAGE CODE 07M26	DWG. NO. 647.9000
		SCALE NONE	SHEET 3 OF 9

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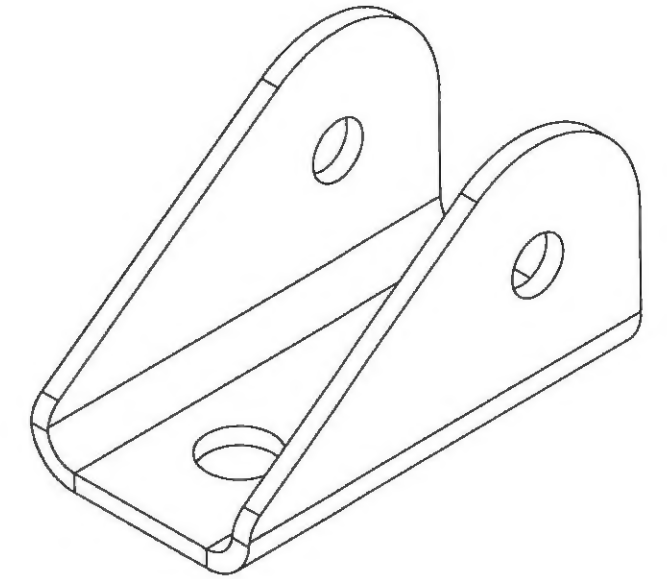
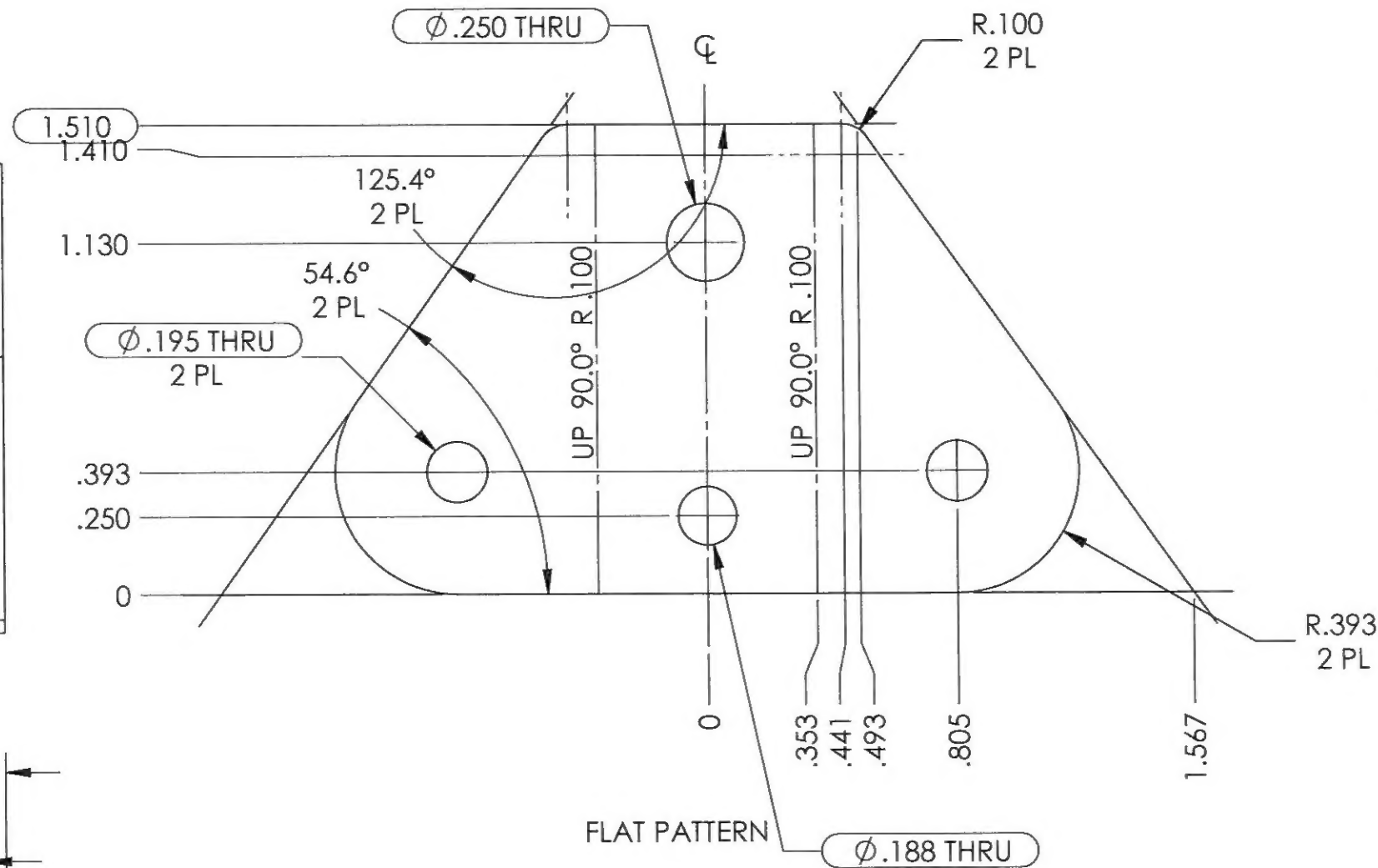
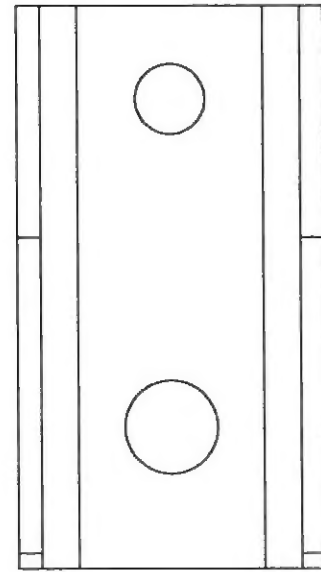
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

A

B

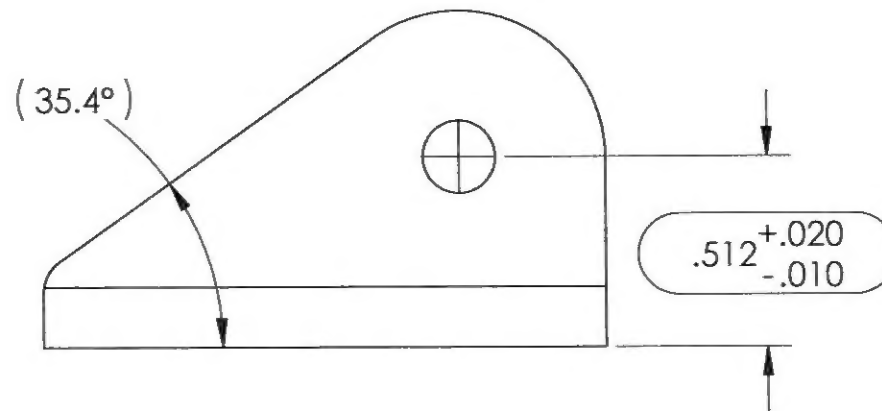
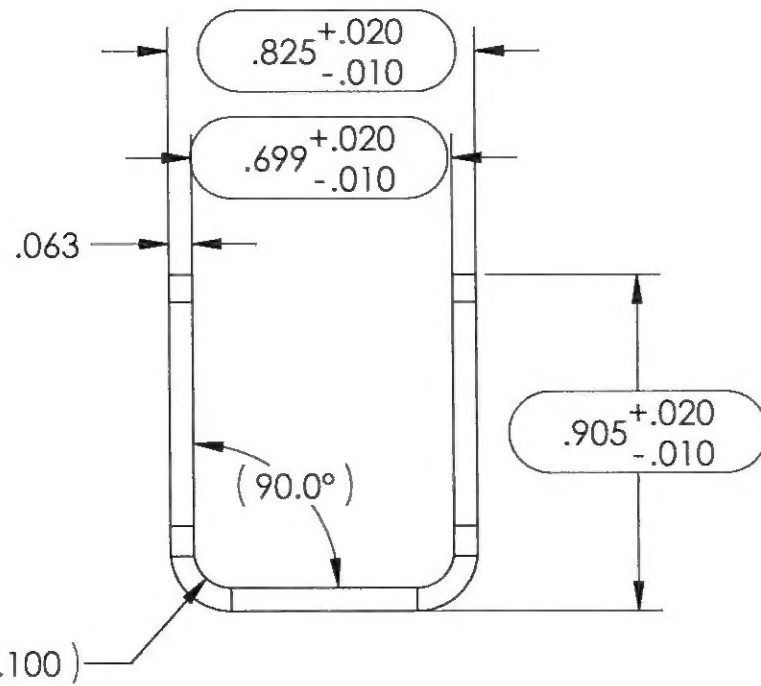
C

D



647.9014

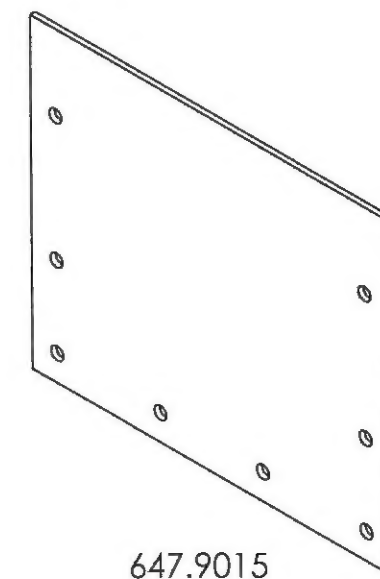
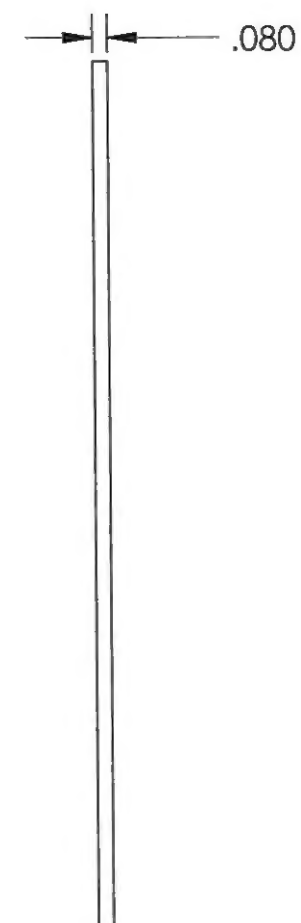
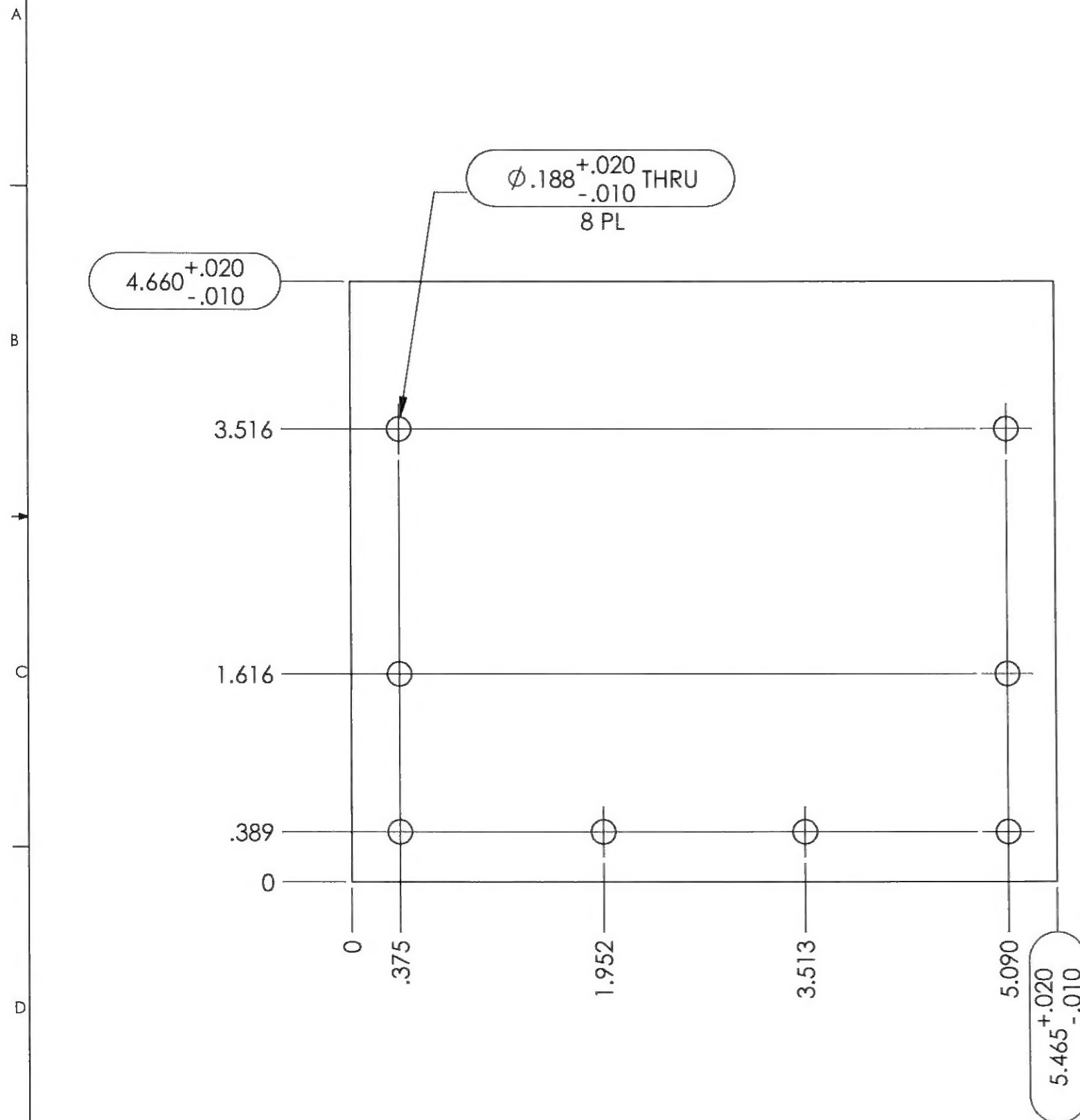
R.393
2 PL



ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES	
DRAWN BY R. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWING APPROVAL P. BRAVO (04-30-10)		SHEETMETAL	
CONTRACT NO.		SIZE B	REV A
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		CAGE CODE 07MZ6	DWG. NO. 647.9000
		SCALE NONE	SHEET 4 OF 9

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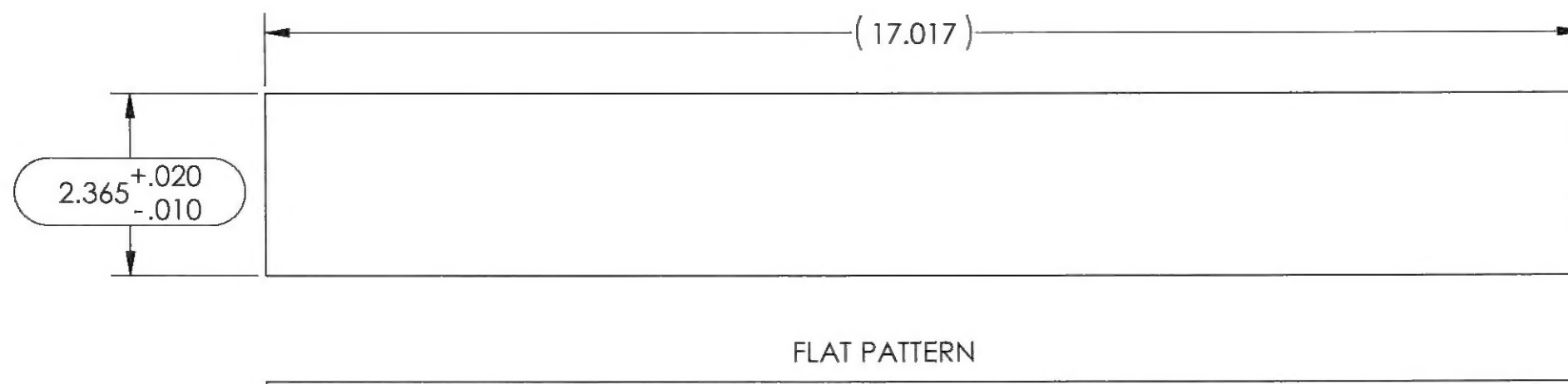
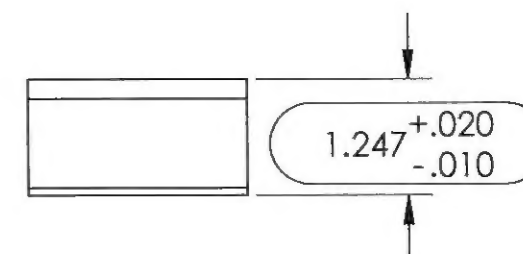
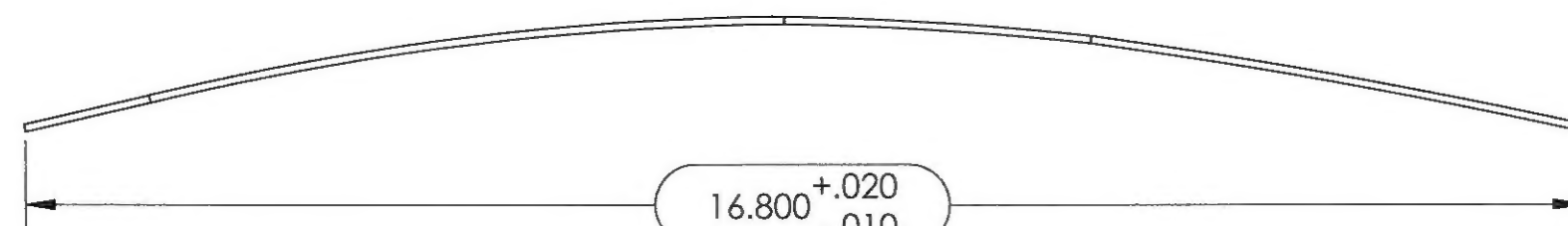
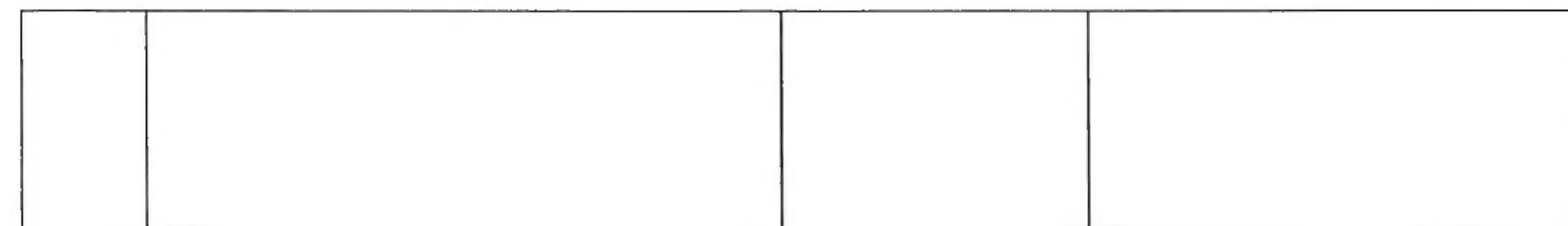
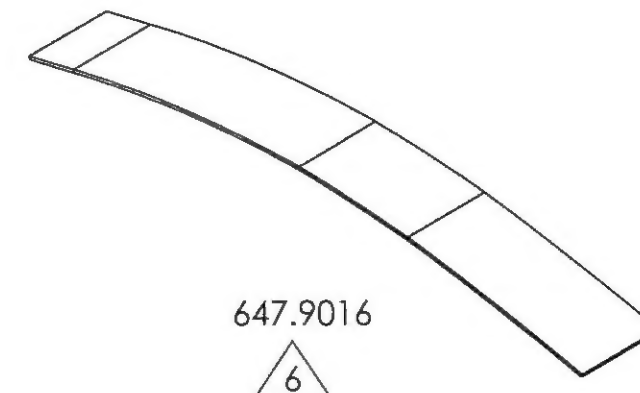
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
DRAWN BY R. ROSANO	CHECKER P. BRAVO		
DRAWING APPROVAL P. BRAVO 05-30-10		SHEETMETAL	
CONTRACT No.			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$		SIZE B	REV A
		CAGE CODE 07MZ6	DWG. NO. 647.9000
		SCALE NONE	SHEET 5 OF 9

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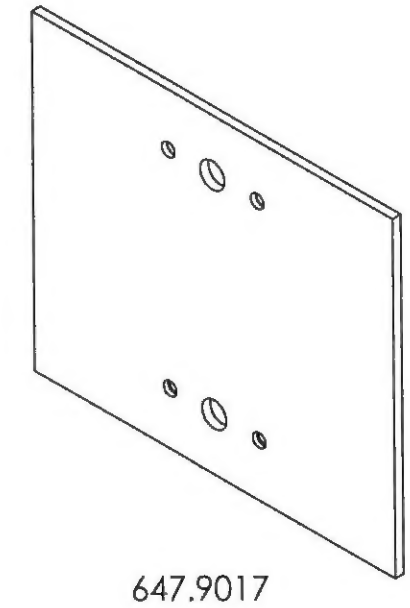
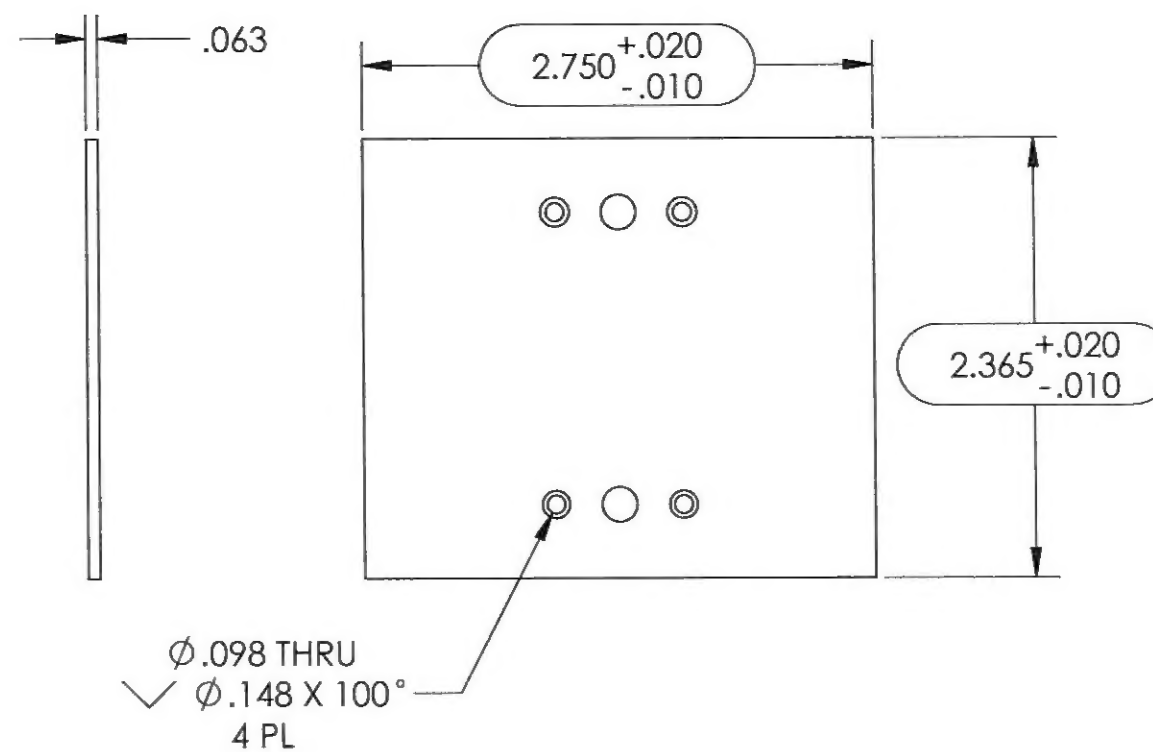
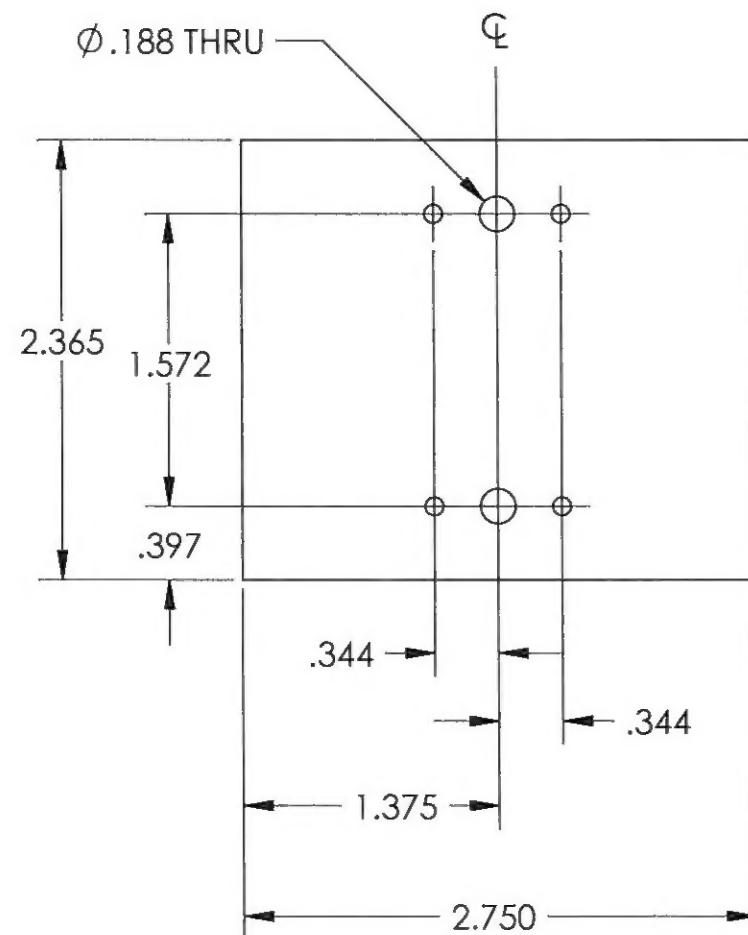
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



ORIGINAL DATE (MO-DA-YR) 04-13-10	APICAL INDUSTRIES			
DRAWN BY R. ROSANO	CHECKER P. BRAVO	2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA, 92056-3512 (760)724-5300		
DRAWING APPROVAL P. BRAVO 06-30-10	SHEETMETAL			
CONTRACT NO.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.9000	REV. A
	SCALE NONE		SHEET	6 OF 9

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



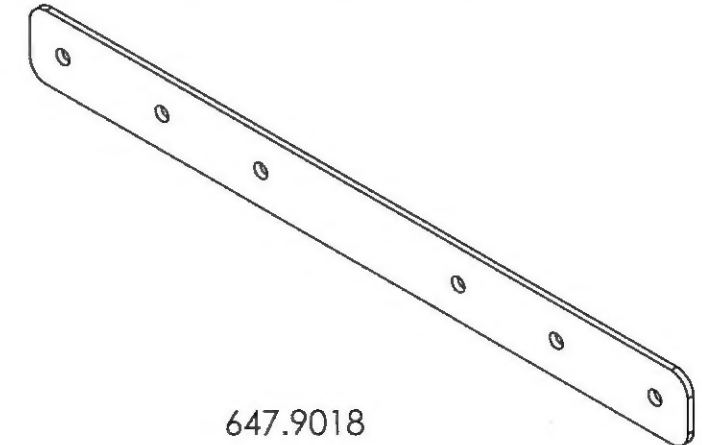
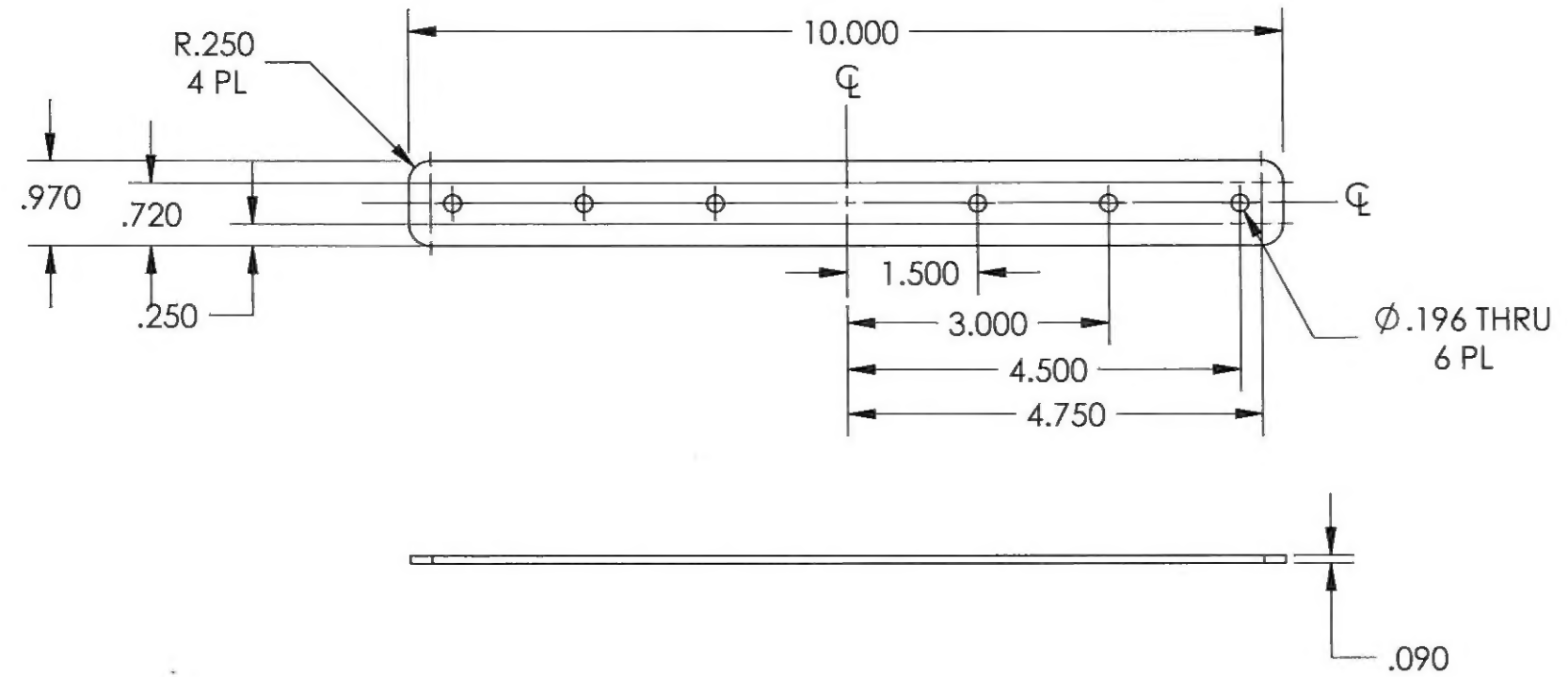
ORIGINAL DATE (MO-DA-YR) 04-13-10		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300			
DRAWN BY R. ROSANO	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 06-30-10					
CONTRACT No.		SHEETMETAL			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS $\pm .01$ 3 PLACE DECIMALS $\pm .005$ ANGLES $\pm .5^\circ$					
SIZE B	CAGE CODE 07MZ6			DWG. NO. 647.9000	REV A
SCALE NONE				SHEET 7	OF 9

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THE WRITTEN PERMISSION OF APICAL INDUSTRIES IS PROHIBITED.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED

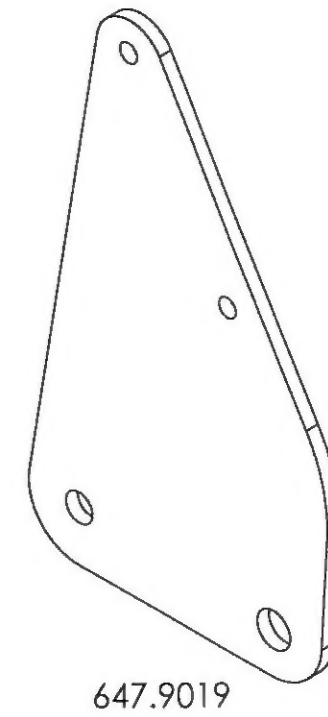
PR2

647.9018



ORIGINAL DATE (MO-DA-YR) 04-13-10		DRAWN BY P. ROSANO		CHECKER P. BRAVO	
DRAWING APPROVAL P. BRAVO 04-30-10		CONTRACT No.		APICAL INDUSTRIES 2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SHEETMETAL		SCALE NONE	
SIZE B	CAGE CODE 07MZ6	DWG. NO. 647.9000	REV A	SHEET 8 OF 9	

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED



TAG	X LOC	Y LOC	SIZE
A1	.455	.382	Ø.201 THRU
B1	.867	3.573	Ø.130 THRU
B2	1.614	2.266	Ø.130 THRU
C1	1.939	.312	Ø.250 THRU

ORIGINAL DATE (MCO-15) 04-13-10	<h1 style="text-align: center;">APICAL INDUSTRIES</h1> <p style="text-align: center;">2608 TEMPLE HEIGHTS DR. OCEANSIDE, CA. 92056-3512 (760)724-5300</p> <h2 style="text-align: center;">SHEETMETAL</h2>			
DRAWN BY CHECKER R. ROSANO P. BRAVO				
DRAWING APPROVAL P. BRAVO				
CONTRACT No.				
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	SIZE B	CAGE CODE 07M26	DWG. NO. 647.9000	REV A
	SCALE NONE		SHEET	9 OF 9